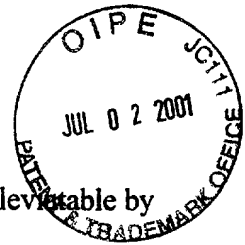


What is claimed is:

Claims



1. A method for the treatment of diseases comprising vasospasm or other symptom alleviable by smooth muscle relaxation, comprising in combination:
 - a) measuring blood flow in at least one area;
 - b) administering a first dosage of a vasodilator;
 - c) remeasuring blood flow, and;
 - d) administering a further dosage of a vasodilator, said further dosage being adjusted in response to the remeasured blood flow;
 - e) continuing said treatment over a period of days while titrating said dosage according to still further measurements of blood flow to maintain optimal blood flow velocity.
2. A method according to Claim 1 wherein the symptoms comprise cerebral vasospasm.
3. A method according to Claim 1 wherein the measuring comprises a technique selected from the group consisting of Transcranial Doppler (TCD), quantitative electroencephalogram and determining relative vessel diameter.
4. A method according to Claim 1 wherein the blood flow is measured as Mean Fluid Velocity (MFV) in at least one intracranial vessel.
5. A method according to Claim 4 wherein the MFV rises above about 0.4 meters/minute during vasospasms.
6. A method according to Claim 1 wherein the treatment is continued for from about 5 to 250 weeks.
7. A method according to Claim 1 wherein the vasodilator is selected from the group consisting of Nitroglycerin in pill, patch, ointment, cream, inhaler, spray and other forms, Nitroglycerin equivalents and substitutes, such as p.o. clonidine, Dynacirc (isradipine), hydrazine, nifedipine, and medicines from the empirical group of medications which have the common characteristic of causing smooth muscle relaxation and which systemically reduce pulmonary capillary wedge pressure, and combinations of the foregoing.
8. A method according to Claim 1 wherein the disease is selected from the group consisting of whiplash, closed head injury with vasospasm, attention deficit disorder with vasospasm, migraine with inter-ocular evidence of vasospasm, syncope or blackout spells of unknown aetiology with evidence of vasospasm, seizure with evidence of vasospasm, and dementia with evidence of vasospasm, concussion and post-concussion syndrome with evidence of vasospasm, migraine, sympathetic vasospasm associated with breast implants, and cerebral vasospasm.
9. A method according to Claim 1 wherein the disease is selected from the group consisting of dyslexia, memory disturbances, depression, psychosis, reflex sympathetic dystrophy, mood disorders and sensory motor disorders; transient ischemic attack (TIA), pseudoseizure, hemibalism, and stroke; tremor, Parkinson's disease, torticollis, electrical shock trauma, attention deficit disorder, concussion and post concussion syndrome, in which vasospasm can be detected.

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